

1633

RAW SEQUENCE LISTING DATE: 05/18/2000
PATENT APPLICATION: US/09/242,202 TIME: 14:39:24

Input Set : A:\20264236.app
Output Set: N:\CRF3\05182000\I242202.raw

C--> 11 (1) GENERAL INFORMATION:
C--> 13 (i) APPLICANT: Nelson, Edward L.
14 Nelson, Peter J.
C--> 16 (ii) TITLE OF INVENTION: NOVEL VECTOR FOR
17 POLYNUCLEOTIDE VACCINES
C--> 19 (iii) NUMBER OF SEQUENCES: 29
C--> 21 (iv) CORRESPONDENCE ADDRESS:
C--> 22 (A) ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
C--> 23 (B) STREET: 345 PARK AVENUE
C--> 24 (C) CITY: NEW YORK
C--> 25 (D) STATE: NEW YORK
C--> 26 (E) COUNTRY: USA
C--> 27 (F) ZIP: 10154
C--> 29 (v) COMPUTER READABLE FORM:
C--> 30 (A) MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
C--> 31 (B) COMPUTER: IBM PC COMPATIBLE
C--> 32 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
C--> 33 (D) SOFTWARE: MS WORD 97
C--> 36 (vi) CURRENT APPLICATION DATA:
C--> 37 (A) APPLICATION NUMBER: US/09/242,202
C--> 38 (B) FILING DATE: 01-Nov-1999
C--> 40 (vii) PRIOR APPLICATION DATA:
C--> 41 (A) APPLICATION NUMBER: US60/023931
C--> 42 (B) FILING DATE: 14-AUG-1996
C--> 44 (viii) ATTORNEY/AGENT INFORMATION:
C--> 45 (A) NAME: KATHRYN M. BROWN
C--> 46 (B) REGISTRATION NUMBER: 34556
C--> 47 (C) REFERENCE/DOCKET NUMBER: 2026-4236US1
C--> 49 (ix) TELECOMMUNICATION INFORMATION:
C--> 50 (A) TELEPHONE: (212) 758-4800
C--> 51 (B) TELEFAX: (212) 751-6849
C--> 52 (C) TELEX: 421792

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

C--> 629 (2) INFORMATION FOR SEQ ID NO: 20:
C--> 631 (i) SEQUENCE CHARACTERISTICS:
C--> 632 (A) LENGTH: 287 amino acids
C--> 633 (B) TYPE: amino acid
C--> 634 (D) TOPOLOGY: unknown
C--> 636 (ii) MOLECULE TYPE: protein
C--> 638 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
641 Pro Ala Pro Gly Ala Gly Gly Met Val His His Arg
642 1 5 10
643 His Arg Ser Ser Ser Thr Arg Ser Gly Gly Gly Asp
644 15 20

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```

645 Leu Thr Leu Gly Leu Glu Pro Ser Glu Glu Glu Ala
646 25 30 35
647 Pro Arg Ser Pro Leu Ala Pro Ser Glu Gly Ala Gly
648 40 45
649 Ser Asp Val Phe Asp Gly Asp Leu Gly Met Gly Ala
650 50 55 60
651 Ala Lys Gly Leu Ser Leu Pro Thr His Asp Pro Ser
652 65 70
653 Pro Leu Gln Arg Tyr Ser Glu Asp Pro Thr Val Pro
654 75 80
655 Leu Pro Ser Glu Thr Asp Gly Tyr Val Ala Pro Leu
656 85 90 95
658 Thr Cys Ser Pro Gln Pro Glu Tyr Val Asn Gln Pro
659 100 105
660 Asp Val Arg Pro Pro Pro Ser Pro Arg Glu Gly Pro
661 110 115 120
663 Leu Pro Ala Ala Arg Pro Ala Gly Ala Thr Leu Glu
664 125 130
665 Arg Pro Lys Thr Leu Ser Pro Gly Lys Asn Gly Val
666 135 140
672 Val Lys Asp Val Phe Ala Phe Gly Gly Ala Val Glu
673 145 150 155
674 Asn Pro Glu Tyr Leu Thr Pro Gln Gly Thr Cys Ser
675 160 165
676 Pro Gln Pro Glu Tyr Val Asn Gln Pro Asp Val Arg
677 170 175 180
678 Pro Gln Pro Pro Ser Pro Arg Glu Gly Pro Leu Pro
679 185 190
680 Ala Ala Arg Pro Ala Gly Ala Thr Leu Glu Arg Pro
681 195 200
682 Lys Leu Ser Pro Gly Lys Asn Gly Val Val Lys Asp
683 205 210 215
684 Val Phe Ala Phe Gly Gly Ala Val Glu Asn Pro Glu
685 220 225
686 Tyr Leu Thr Pro Gln Gly Gly Ala Ala Pro Gln Pro
687 230 235 240
688 His Pro Pro Pro Ala Phe Ser Pro Ala Phe Asp Asn
689 245 250
690 Leu Tyr Tyr Trp Asp Asp Pro Pro Glu Arg Gly Ala
691 255 260
692 Pro Pro Ser Thr Phe Lys Gly Thr Pro Thr Ala Glu
693 265 270 275
E--> 694 Asn Pro Glu Tyr Leu Gly Leu Asp Val Pro Val
695 280 285

```

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Input Set : A:\20264236.app

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L:11 M:220 C: Keyword misspelled or invalid format, [(1) GENERAL INFORMATION:]
L:13 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:]
L:16 M:220 C: Keyword misspelled or invalid format, [(ii) TITLE OF INVENTION:]
L:19 M:220 C: Keyword misspelled or invalid format, [(iii) NUMBER OF SEQUENCES:]
L:21 M:220 C: Keyword misspelled or invalid format, [(iv) CORRESPONDENCE ADDRESS:]
L:22 M:220 C: Keyword misspelled or invalid format, [(A) ADDRESSEE:]
L:23 M:220 C: Keyword misspelled or invalid format, [(B) STREET:]
L:24 M:220 C: Keyword misspelled or invalid format, [(C) CITY:]
L:25 M:220 C: Keyword misspelled or invalid format, [(D) STATE:]
L:26 M:220 C: Keyword misspelled or invalid format, [(E) COUNTRY:]
L:27 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]
L:29 M:220 C: Keyword misspelled or invalid format, [(v) COMPUTER READABLE FORM:]
L:30 M:220 C: Keyword misspelled or invalid format, [(A) MEDIUM TYPE:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) COMPUTER:]
L:32 M:220 C: Keyword misspelled or invalid format, [(C) OPERATING SYSTEM:]
L:33 M:220 C: Keyword misspelled or invalid format, [(D) SOFTWARE:]
L:36 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]
L:37 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:38 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:40 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:41 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:42 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:44 M:220 C: Keyword misspelled or invalid format, [(viii) ATTORNEY/AGENT INFORMATION:]
L:45 M:220 C: Keyword misspelled or invalid format, [(A) NAME:]
L:46 M:220 C: Keyword misspelled or invalid format, [(B) REGISTRATION NUMBER:]
L:47 M:220 C: Keyword misspelled or invalid format, [(C) REFERENCE/DOCKET NUMBER:]
L:49 M:220 C: Keyword misspelled or invalid format, [(ix) TELECOMMUNICATION INFORMATION:]
L:50 M:220 C: Keyword misspelled or invalid format, [(A) TELEPHONE:]
L:51 M:220 C: Keyword misspelled or invalid format, [(B) TELEFAX:]
L:52 M:220 C: Keyword misspelled or invalid format, [(C) TELEX:]
L:54 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]
L:56 M:220 C: Keyword misspelled or invalid format, [(i) SEQUENCE CHARACTERISTICS:]
L:57 M:220 C: Keyword misspelled or invalid format, [(A) LENGTH:]
L:58 M:220 C: Keyword misspelled or invalid format, [(B) TYPE:]
L:59 M:220 C: Keyword misspelled or invalid format, [(C) STRANDEDNESS:]
L:60 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]
L:62 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]
L:68 M:220 C: Keyword misspelled or invalid format, [(iii) HYPOTHETICAL:]
L:70 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:72 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:88 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]
L:90 M:220 C: Keyword misspelled or invalid format, [(i) SEQUENCE CHARACTERISTICS:]
L:91 M:220 C: Keyword misspelled or invalid format, [(A) LENGTH:]
L:92 M:220 C: Keyword misspelled or invalid format, [(B) TYPE:]
L:94 M:220 C: Keyword misspelled or invalid format, [(C) STRANDEDNESS:]
L:95 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]
L:97 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]
L:99 M:220 C: Keyword misspelled or invalid format, [(iii) HYPOTHETICAL:]

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L:101 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
 L:103 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
 L:693 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:20
 L:808 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23, Value=
 [oligonucleotide]
 L:828 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24, Value=
 [oligonucleotide]